

IN THE SPECIFICATION:

The specification as amended below with replacement paragraphs shows added text with underlining and deleted text with ~~striketrough~~.

Please REPLACE paragraph [0064] as filed with new paragraphs [0064] and [0065] of the specification as follows:

[0064] ~~Although a few embodiments of the present invention have been shown and described, it would be appreciated by those skilled in the art that changes may be made in these embodiments without departing from the principles and spirit of the invention, the scope of which is defined in the claims and their equivalents.~~ In an embodiment, a computer-readable medium has stored thereon computer-executable instructions of a contrast compensation method, comprising: calculating pixel values of an image signal; limiting the calculated pixel values based on pre-set luminance limit values, and re-configuring the calculated pixel values of the image signal; and calculating a cumulative distribution function to reconfigure the calculated pixel values, and setting a contrast of the image signal based on the cumulative distribution function.

[0065] Although a few embodiments of the present invention have been shown and described, it would be appreciated by those skilled in the art that changes may be made in these embodiments without departing from the principles and spirit of the invention, the scope of which is defined in the claims and their equivalents.